



INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449			ATTY. DOCKET NO. 07783.0084.NPUS00		SERIAL NO. 10/771/848		
			APPLICANTS : Rong-Chang Liang, et al.				
			FILING DATE: 2/04/2004		GROUP: 1772		
U.S. PATENT DOCUMENTS							
EX'R INITIAL	PATENT NO.	DATE MM-YYYY	NAME	CLASS	SUBCLASS	FILING DATE	
JG	5,824,377	10-1998	Pirwitz et al	—	—		
JG	5,998,563	12-1999	Pirwitz et al	—	—		
FOREIGN PATENT DOCUMENTS							
EX'R INITIAL	PATENT NO.	DATE MM-YYYY	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JG	EP 0 611 786	08-1994	Europe (abstract in English)	—	—		X
JG	EP 1 219 651	07-2002	Europe	—	—		
JG	International Search Report	11-2004	PCT	—	—		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EX'R INITIAL	DOCUMENT						
JG	O'Neill, et al. "Photoinduced Surface Alignment for Liquid Crystal Displays", (2000) J. Phys. D: Appl. Phys. Vol 33, pp.R67-R84.						
EXAMINER: <u>/John Goff/</u>				DATE CONSIDERED: <u>09/26/2006</u>			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							
*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).							

**LIST OF REFERENCES CITED BY APPLICANT**

(Use several sheets if necessary)

PTO FORM 1449

ATTY. DOCKET NO.

07783.0084.NPUS00

APPLICATION NO.

10/771,848

APPLICANT

Rong-Chang Liang, *et al.*

FILING DATE

February 4, 2004

GROUP

1772

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.						
	2.						
	3.						
	4.						

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	5.							
	6.							
	7.							

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, Etc.)

JG	8.	Zang, <i>et al.</i> , "Threshold and Grayscale Stability of Microcup® Electronic Paper", <i>Proceedings Electronic Imaging Science and Technology</i> , SPIE Vol. 5289, pp. 102-108
	9.	
	10.	
	11.	
	12.	
	13.	
	14.	
	15.	
	16.	
	17.	
	18.	
	19.	
	20.	

/John Goff/

09/26/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449		ATTY. DOCKET NO. 07783.0084.NPUS00		SERIAL NO. 10/771,848			
		APPLICANT Rong-Chang Liang, <i>et al.</i>					
		FILING DATE February 4, 2004		GROUP 1772			
U.S. PATENT DOCUMENTS							
EXAMINE R'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
JG	5,389,698	02.14.95	Chigrinov et al	—	—		
JG	5,539,074	07.23.96	Herr et al				
JG	USSN 09/759,212 (Publication No. 2002-0126249)	01.11.01 (09.12.02)	Liang et al				
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	DOCUMENT						
JG	O'Mara, W. C., "Liquid Crystal Flat Panel Displays: Manufacturing Sciences & Technology", 1993						
	"Flat Panel Display Handbook", Display Industry Technology Review, 2 nd Ed., 2000, by Stanford Resource, Inc.						
	"Flat Panel Display 2002 Yearbook" by Nikkei Microdevices						
	Yamada, S. et al, « A New Production fo the Large Size TFT-Panel by « LC-Dropping Method » », SID 01 Digest, pp. 1350 (2001)						
	Kamiya, H. et al, « Development of One Drop Fill Technology for AM-LCDs », SID 01 Digest, pp. 1354 (2001)						
JG	Schadt, M. et al, « Optical Patterning of Multidomain LCDs », JSID 1997 5/4, pp. 367						

INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449		ATTY. DOCKET NO. 07783.0084.NPUS00	SERIAL NO. 10/771,848
		APPLICANT Rong-Chang Liang, <i>et al.</i>	
		FILING DATE February 4, 2004	GROUP 1772
JG		Makita, Y. et al, "Photo Alignment Materials with High Sensitivity to Near UV Light", J. Photopoly. Sci. Technol. 1998, 11, 187	
		Obi, M. et al, "Photocontrol of Liquid Crystal Alignment by Polymethacrylates with Diphenylacetylene Side Chains", Chem. Mater. 1999, 11, 1293-1301	
		Yaroshchuk, "Low-Molecular-Weight Photo-Crosslinkable Composites: Advanced Materials for Liquid Crystal Alignment", O. SID 00 Digest, pp-443-445	
		Kim, J. et al, « Applications of New Photoalignment Materials Containing Cinnamoyl Group », SID 01 Digest, pp-806-809	
		Song, S. et al, « Photoalignment Films of Polyesters with Photoreactive Main Chain », J. Appli. Phys. 1998, 37, 2620	
		Suh, D., "Polymethacrylate with Benzylidenephthal-imide Side Chains, Photocontrol of Alignment of a Nematic Liquid Crystal", Macromol. Chem. Phys. 1998, pp. 363-373	
		Suh, D., "Polymethacrylate with Benzylidenephthal-imide Side Chains, Photocontrol of Alignment of a Nematic Liquid Crystal", Macromol. Chem. Phys. 1998, pp. 375-383	
		Kimura, M. et al, « New Photo-Alignment Technology for IPS-LCSs », SID 01 Digest, pp. 1162-1165	
		Kimura, M. et al, « New Photo-Alignment Technology Based on --(4-Chalconyloxy) Alkyl Groups », SID 00 Digest, pp. 438-441	
		Nakata, S. et al, « New Photo-Assignment Technology Based on Chalcone Moieties : Molecular Design and Process Development », SID 01 Digest, pp. 802-805	
		Yip, W. C. et al, "Azo Dye Materials for the Alignment of Liquid Crystal", SID 01 Digest, pp. 1170-1173	
		Gibbons, W. et al, « Surface-Mediated Alignment of Nematic Liquid Crystals with Polarized Laser Light », Nature, London, 351, 49 (1991)	
		Vorflusev, V. et al, « Bistable Switching in FLC Cells Aligned by Photoanisotropic Films », Mol. Crysta. Liq. Cryst., 263, 577 (1995)	
		Bunning, T. J. et al, "Liquid Crystals for Advanced Technologies", Materials Research Soc. Symp. Proceedings, Vol. 425 (2000)	
		Wu, S. T. and Yang, D. K., "Reflective Liquid Crystal Displays", John Wiley & Son, Ltd. (2001)	
JG		March, N. and Tosi, M. et., "Polymers, Liquid Crystals and Low-dimensional Solids", Plenum Press (1984)	

INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449		ATTY. DOCKET NO. 07783.0084.NPUS00	SERIAL NO. 10/771,848
		APPLICANT Rong-Chang Liang, <i>et al.</i>	
		FILING DATE February 4, 2004	GROUP 1772
JG		Gray, G. W. and Goodby, J. W., "Smectic Liquid Crystals, Textures and Structures", Leonard Hill (1984)	
		Kirsch, P., et al, « Materials for Liquid Crystal Displays with Reduced Power Consumption », Mol. Cryst. Liq. Cryst., 346, 193 (2000)	
		Kirsch, P., et al, « Nematic Liquid Crystals for Active Matrix Displays : Molecular Design and Synthesis », <i>Angew. Chem. Int. Ed.</i> , 39, 4216 (2000)	
		Broschard, T. et al, « Exotoxicological Properties of Liquid Crystal Compounds », IDW'00, paper FMC-3-1, Kobe, Japan (2000)	
		Zang, H.M., « Liquid Crystal Materials, Devices, and Applications X », SPIE 2004 Electronic Imaging Science and Technology, Jan 19, 2004	
		Ho, C., « Microcup® Electronic Paper by Roll-to-Roll Manufacturing Processes. », FEG, Dec 23, 2003 , NeiLi, Taiwan	
		Chung, J. et al. « Microcup® Electrophoretic Displays, Grayscale and Color Rendition », IDW 03 December , pp 243-246	
		Zang, H.M., Spectrum 2003, « Microcup® Electronic Paper by Roll-to-Roll Manufacturing Processes », Advisory Board Meeting, Bowling Green State University, Ohio, Oct 23, 2003	
		*Allen, K. « Electrophoretics Fulfilled », iSuppli Corporation, Emerging Displays Review, Oct 2003 , pp 9-14	
		Chen, S.M., « The Applications for the Revolutionary Electronic Paper Technology », OPTO News & Letters, 2003, July, 102 , pp 37-41 (in Chinese, English abstract attached, full translation available upon request)	
		Zang, H.M. and Liang, R.C., « Microcup Electronic Paper by Roll-to-Roll Manufacturing Processes », Spectrum, 2003, Summer , 16/2, pp16-21	
		Liang, R.C. and Lee, H., « SiPix Microcup(R) Electronic Paper – An Introduction », Advanced Display, 2003, June , Issue 3, pp 4-9 (in Chinese, English abstract attached, full translation available upon request)	
		Liang, R.C. et al, « Microcup(R) Active and Passive Matrix Electrophoretic Displays by A Roll-to-Roll Manufacturing Processes », SID Digest, May 21-22, 2003 , 20.1/R.C. Liang	
		Chen, S.M., « The New Applications and the Dynamics of Companies », TRI, May, 2003 (in Chinese, English abstract attached, full translation available upon request)	
JG		Liang, R.C. et al, « Microcup(R) displays : Electronic Paper by Roll-to-Roll Manufacturing Processes », Journal of the SID, Vol. 11/4, Feb 18-23, 2003 , pp 621-628	

INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449		ATTY. DOCKET NO. 07783.0084.NPUS00	SERIAL NO. 10/771,848
		APPLICANT Rong-Chang Liang, <i>et al.</i>	
		FILING DATE February 4, 2004	GROUP 1772
JG		Liang, R.C. et al, « Passive Matrix Microcup(R) Electrophoretic Displays », IDMC 03 Feb 18 21 , Taipei, Liang, Paper Fr-17-5	
		Liang, R.C. and Tseng, S., « Microcup(R) LCD, A New Type of Dispersed LCD by A Roll-to-Roll Manufacturing Process », IDMC 03 Feb 18 21 , Taipei, Liang, Paper We-02-04	
		Liang, R.C., « Microcup(R) Electrophoretic and Liquid Crystal Displays by Roll-to-Roll Manufacturing Processes », USDC Flexible Microelectronics & Displays Conference, Feb 13 21 2003, Phoenix, Arizona, USA.	
		Liang, R.C. et al, « Microcup Electrophoretic Displays by Roll-to-Roll Manufacturing Processes », IDW 02 December 4 6 , pp1337-1340	
JG		Liang, R.C. et al, « Newly-Developed Color Electronic Paper Promises » Unbeatable Production Efficiency » », <i>Nikkei Microdevices</i> , December 2002	
EXAMINER:		/John Goff/	DATE CONSIDERED: 09/26/2006
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			
*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).			